



12025 NE Marx St. Portland, OR 97220
503-253-3511 / www.greenleaflab.org

Green Leaf Lab proudly follows TNI 2009
Quality Standards

Sunset Sherbet

OM Extracts

Sample ID: G7L0209-01

Date Sampled: 12/18/17 00:00

Date Accepted: 12/18/17

Results Valid Until: 12/18/18

Results at a Glance

Pesticides : PASS

Total THC : 58.54 %

Residual Solvent Analysis : PASS

Eric Wendt
Chief Science Officer - 12/22/2017



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Sunset Sherbet

OM Extracts

Sample ID: G7L0209-01

Matrix: Extracts and Concentrates

Test RFID: 1A4010300014ADD000000004

Source RFID: 1A4010300014ADD000000003

Date Sampled: 12/18/17 00:00

Date Accepted: 12/18/17

Results Valid Until: 12/18/18

Potency Analysis

Date/Time Extracted: 12/19/17 10:18

Analysis Method/SOP: 215

Date/Time Analyzed: 12/20/17 09:09

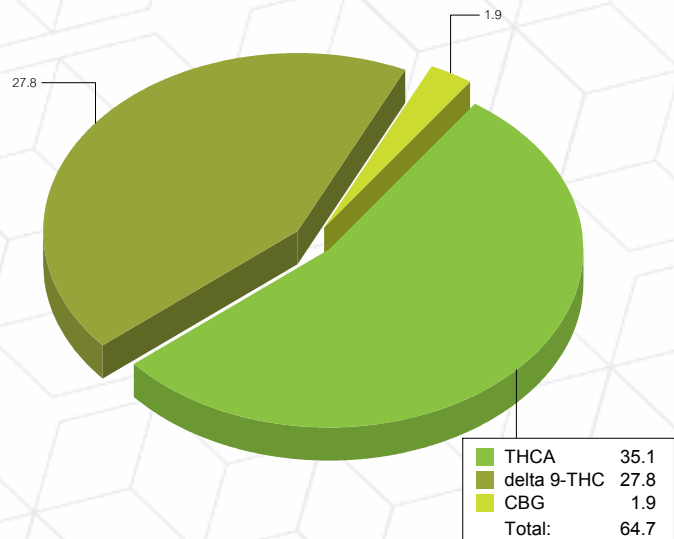
Batch Identification: 1751019

Cannabinoids (% weight)

Decarboxylated* %

Cannabinoids Profile

Total THC ((THCA*0.877)+Δ9)	58.54
Total CBD ((CBDA*0.877)+CBD)	< LOQ
THCA	35.08
delta 9-THC	27.77
delta 8-THC	< LOQ
THCV	< LOQ
CBGA	< LOQ
CBDA	< LOQ
CBD	< LOQ
CBDV	< LOQ
CBN	< LOQ
CBG	1.873
CBC	< LOQ
Total Cannabinoids	64.72



<LOQ - Results below the Limit of Quantitation - Compound not detected. LOQ = 5 PPM (mg/L)

For Potency only delta 9-THC, THCA, CBD, CBDA are ORELAP accredited analytes.

Water Activity Action Level is 0.65. Results above 0.65 fail state testing requirements and will be highlighted Red.

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Date Sampled: 12/18/17 00:00

Date Accepted: 12/18/17

Results Valid Until: 12/18/18

Terpene Analysis

Date/Time Extracted: 12/19/17 11:54

Analysis Method/SOP: 204

Date/Time Analyzed: 12/20/17 21:57

Monoterpenes	Results in %	Monoterpenes	Results in %
Camphene	< LOQ	Camphor	< LOQ
3-Carene	< LOQ	alpha-Cedrene	< LOQ
Cedrol	< LOQ	Endo-fenchyl alcohol	0.06322
Eucalyptol	< LOQ	Fenchone	< LOQ
Geraniol	< LOQ	Geranyl acetate	< LOQ
Hexahydrothymol	< LOQ	Isoborneol	< LOQ
Isopulegol	< LOQ	Limonene	0.02430
Linalool	0.2349	p-Mentha-1,5-diene	< LOQ
beta-Myrcene	0.03318	Ocimene	< LOQ
alpha-Pinene	< LOQ	beta-Pinene	< LOQ
Pulegone	< LOQ	Sabinene	< LOQ
Sabinene hydrate	< LOQ	gamma-Terpinene	< LOQ
alpha-Terpinene	< LOQ	Terpineol	0.09934
Terpinolene	< LOQ	Nerol	< LOQ
Borneol	< LOQ		
Sesquiterpenes	Results in %	Sesquiterpenes	Results in %
alpha-Bisabolol	0.4998	beta-Caryophyllene	3.777
Caryophyllene Oxide	0.1772	Guaiol	< LOQ
alpha-Humulene	1.933	Nerolidol	< LOQ
Valencene	< LOQ		
Total Terpenes	6.842 %		

About your terpene profile

Terpenes are aromatic molecules found in plant resins. They are not only responsible for the many unique smells of Cannabis, but they accentuate the holistic effect of cannabinoids as well. Terpene profiles can be utilized to quantify strong flavor, identify different strains and achieve therapeutic benefits.

Green Leaf Lab's terpene analysis quantifies the 36 most common terpenes found in Cannabis sativa.

Monoterpenes:

All of the monoterpenes are very similar in chemical structure, containing 10 carbons and 6 hydrogens. Although, they are similar, the varying arrangements produce distinct aromas. Changes such as oxidation and rearrangement produce monoterpenoids which will have a different chemical formula.

Monoterpenes are more volatile than sesquiterpenes; the aromas tend to be stronger and they are more prone to being lost by heating and oxidation. Myrcene and Limonene are examples of an acyclic and cyclic monoterpene, respectively. They both share a basic structure containing a backbone of 10 carbon atoms, however arranged uniquely.

Sesquiterpenes:

The sesquiterpenes are a more complex class of terpenes. They are also generally aromatic, but are also heavier and less volatile. Thus, they often remain after some of the more volatile monoterpenes have broken down under heat or oxidation.

<LOQ - Results below the Limit of Quantitation - Compound not detected Terpene Analysis is not ORELAP Accredited.

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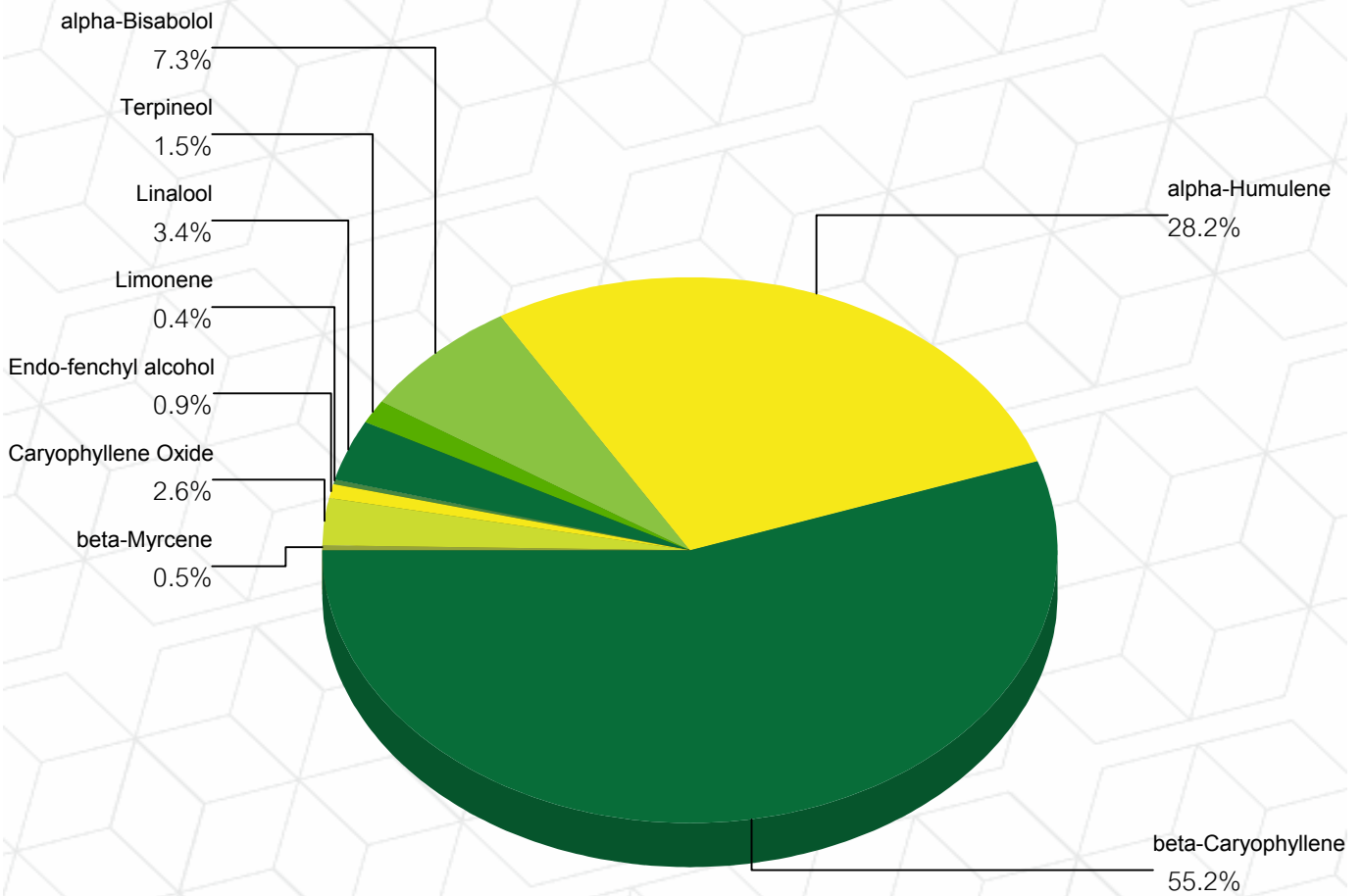
Sample ID: G7L0209-01

Matrix: Extracts and Concentrates

Date Sampled: 12/18/17 00:00
Date Accepted: 12/18/17
Results Valid Until: 12/18/18
Test RFID: 1A4010300014ADD000000004

Source RFID: 1A4010300014ADD000000003

Terpene Profile



Percentage of Total Terpenes Identified

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Results Valid Until: 12/18/18

OM Extracts

Sample ID: G7L0209-01

Matrix: Extracts and Concentrates

Test RFID: 1A4010300014ADD000000004

Source RFID: 1A4010300014ADD000000003

Pesticide Analysis in PPM

Date/Time Extracted: 12/19/17 10:13

Date/Time GC Analyzed: 12/20/17 03:37

Analysis Method/SOP: 203

Date/Time LC Analyzed: 12/20/17 02:30

Batch Identification: 1751012

Analyte	Result	Action Level	LOQ	Type
Abamectin	< LOQ	0.5	0.1	Insecticide and anthelmintic
Acephate	< LOQ	0.4	0.1	Organophosphate insecticide
Acequinocyl	< LOQ	2	0.1	Acaricide
Acetamiprid	< LOQ	0.2	0.1	Neonicotinoid insecticide
Aldicarb	< LOQ	0.4	0.1	Carbamate insecticide
Azoxystrobin	< LOQ	0.2	0.1	QoI fungicide
Bifenazate	< LOQ	0.2	0.1	Insecticide and miticide
Bifenthrin	< LOQ	0.2	0.1	Pyrethroid insecticide and acaricide
Boscalid	< LOQ	0.4	0.1	Carboxamide fungicide
Carbaryl	< LOQ	0.2	0.1	Carbamate insecticide
Carbofuran	< LOQ	0.2	0.1	Carbamate insecticide
Chlorantraniliprole	< LOQ	0.2	0.1	Anthranilic diamide insecticide
Chlorfenapyr	< LOQ	1	0.2	Pyrazole insecticide, acaricide and miticide
Chlorpyrifos	< LOQ	0.2	0.2	Organophosphate insecticide
Clofentezine	< LOQ	0.2	0.1	Ovicidal tetrazine acaricide
Cyfluthrin	< LOQ	1	0.2	Pyrethroid insecticide
Cypermethrin	< LOQ	1	0.2	Pyrethroid insecticide
Daminozide	< LOQ	1	0.1	Plant growth regulator
DDVP (Dichlorvos)	< LOQ	1	0.2	Organophosphate insecticide
Diazinon	< LOQ	0.2	0.1	Organophosphate insecticide
Dimethoate	< LOQ	0.2	0.1	Organophosphate insecticide
Ethoprophos	< LOQ	0.2	0.1	Organophosphate insecticide, nematocide
Etofenprox	< LOQ	0.4	0.1	Pyrethroid insecticide
Etoxazole	< LOQ	0.2	0.1	Diphenyl oxazoline acaricide
Fenoxycarb	< LOQ	0.2	0.1	Carbamate insecticide
Fenpyroximate	< LOQ	0.4	0.1	Pyrazolium insecticide and acaricide
Fipronil	< LOQ	0.4	0.2	Pyrazole insecticide
Flonicamid	< LOQ	1	0.1	Pyridinecarboxamide insecticide
Fludioxonil	< LOQ	0.4	0.2	Phenylpyrrole fungicide
Hexythiazox	< LOQ	1	0.1	Carboxamide acaricide
Imazalil	< LOQ	0.2	0.1	Azole fungicide
Imidacloprid	< LOQ	0.4	0.1	Neonicotinoid insecticide
Kresoxim-methyl	< LOQ	0.4	0.2	Strobilurin fungicide and bactericide
Malathion	< LOQ	0.2	0.1	Organophosphate insecticide and acaricide
Metalaxyl	< LOQ	0.2	0.1	Phenylamide fungicide

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OM Extracts

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Test RFID: 1A4010300014ADD000000004

Source RFID: 1A4010300014ADD000000003

Pesticide Analysis in PPM

Date/Time Extracted: 12/19/17 10:13

Date/Time GC Analyzed: 12/20/17 03:37

Analysis Method/SOP: 203

Date/Time LC Analyzed: 12/20/17 02:30

Batch Identification: 1751012

Analyte	Result	Action Level	LOQ	Type
Methiocarb	< LOQ	0.2	0.1	Carbamate insecticide
Methomyl	< LOQ	0.4	0.1	Carbamate insecticide
Methyl parathion	< LOQ	0.2	0.2	Organophosphate insecticide
MGK-264	< LOQ	0.2	0.2	Synergist
Myclobutanil	< LOQ	0.2	0.1	Triazole fungicide
Naled	< LOQ	0.5	0.2	Organophosphate insecticide and acaricide
Oxamyl	< LOQ	1	0.1	Organophosphate insecticide, nematocide
Paclobutrazol	< LOQ	0.4	0.1	Triazole fungicide and plant growth regulator
Permethrins	< LOQ	0.2	0.1	Pyrethroid insecticide
Phosmet	< LOQ	0.2	0.1	Organophosphate insecticide and acaricide
Piperonyl butoxide	< LOQ	2	0.1	Synergist
Prallethrin	< LOQ	0.2	0.1	Synthetic pyrethroid insecticide
Propiconazole	< LOQ	0.4	0.2	Triazole fungicide
Propoxur	< LOQ	0.2	0.1	Carbamate insecticide and acaricide
Pyrethrins	< LOQ	1	0.1	Pyrethroid insecticide
Pyridaben	< LOQ	0.2	0.1	Pyridazinone insecticide and acaricide
Spinosad	< LOQ	0.2	0.1	Spinosyn insecticide
Spiromesifen	< LOQ	0.2	0.1	Keto-enol insecticide
Spirotetramat	< LOQ	0.2	0.1	Keto-enol insecticide
Spiroxamine	< LOQ	0.4	0.1	Morpholine fungicide
Tebuconazole	< LOQ	0.4	0.1	Triazole fungicide and plant growth regulator
Thiacloprid	< LOQ	0.2	0.1	Neonicotinoid insecticide and molluscicide
Thiamethoxam	< LOQ	0.2	0.1	Neonicotinoid insecticide
Trifloxystrobin	< LOQ	0.2	0.1	Strobilurin fungicide

<LOQ - Results below the Limit of Quantitation - Compound not detected

Results above the Action Level fail state testing requirements and will be highlighted Red.

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Matrix: Extracts and Concentrates

Source RFID: 1A4010300014ADD000000003

Date Sampled: 12/18/17 00:00

Date Accepted: 12/18/17

Results Valid Until: 12/18/18

Test RFID: 1A4010300014ADD000000004

Residual Solvents

Solvent	Results in ppm	LOQ	Action Level	
Acetone	< LOQ	1000	5000	
Acetonitrile	< LOQ	50.00	410	
Benzene	< LOQ	0.5000	2	
Butanes	< LOQ	1000	5000 ³	
2-Butanol	< LOQ	1000	5000	
Cumene	< LOQ	50.00	70	
Cyclohexane	< LOQ	50.00	3880	
Dichloromethane	< LOQ	50.00	600	
1,4-Dioxane	< LOQ	50.00	380	
2-Ethoxyethanol	< LOQ	50.00	160	
Ethyl acetate	< LOQ	1000	5000	
Ethylene glycol	< LOQ	50.00	620	
Ethylene oxide	< LOQ	50.00	50	
Ethyl ether	< LOQ	1000	5000	
Heptane	< LOQ	1000	5000	
Hexanes	< LOQ	50.00	290 ⁴	
Isopropyl acetate	< LOQ	1000	5000	
Methanol	< LOQ	100.0	3000	
Pentanes	< LOQ	1000	5000 ⁵	
Propane	< LOQ	1000	5000	
2-Propanol (IPA)	< LOQ	1000	5000	
Tetrahydrofuran	< LOQ	50.00	720	
Toluene	< LOQ	50.00	890	

Date/Time Extracted: 12/19/17 14:12
 Date/Time Analyzed: 12/21/17 03:38
 Analysis Method/SOP: 205
 Batch Identification: 1751022

3 - Total butanes should be calculated as sum of n-butanes (CAS# 106-97-8) and iso-butane (CAS# 75-28-5)

4 - Total hexanes should be calculated as sum of n-hexane (CAS# 110-54-3), 2-methylpentane (CAS# 107-83-5), 3-methylpentane (CAS# 96-14-0), 2,2-dimethylbutane (CAS# 75-83-2), 2,3-dimethylbutane (CAS# 79-29-8)

5 - Total pentanes should be calculated as sum of n-pentane (CAS# 109-66-0), iso-pentane (CAS# 78-78-4), and neo-pentane (CAS# 463-82-1)

6 - Total xylenes are 1,2-dimethylbenzene (CAS# 95-47-6), 1,3-dimethylbenzene (CAS# 106-42-3), and 1,4-dimethylbenzene (CAS# 106-42-3)

<LOQ - Results below the Limit of Quantitation - Compound not detected
 Results above the Action Level fail state testing requirements and will be highlighted Red.

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Quality Control Potency

Batch: 1751019 - 215-Concentrates

Blank(1751019-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	1.200	%		12/19/17 10:18	12/20/17 05:29
delta 9-THC	< LOQ	1.200	%		12/19/17 10:18	12/20/17 05:29
delta 8-THC	< LOQ	1.200	%		12/19/17 10:18	12/20/17 05:29
CBGA	< LOQ	1.200	%		12/19/17 10:18	12/20/17 05:29
THCV	< LOQ	1.200	%		12/19/17 10:18	12/20/17 05:29
CBDA	< LOQ	1.200	%		12/19/17 10:18	12/20/17 05:29
CBD	< LOQ	1.200	%		12/19/17 10:18	12/20/17 05:29
CBDV	< LOQ	1.200	%		12/19/17 10:18	12/20/17 05:29
CBN	< LOQ	1.200	%		12/19/17 10:18	12/20/17 05:29
CBG	< LOQ	1.200	%		12/19/17 10:18	12/20/17 05:29
CBC	< LOQ	1.200	%		12/19/17 10:18	12/20/17 05:29

LCS(1751019-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	101	0.015	%	80-120	12/19/17 10:18	12/20/17 05:40
delta 9-THC	106	0.015	%	80-120	12/19/17 10:18	12/20/17 05:40
CBDA	101	0.015	%	80-120	12/19/17 10:18	12/20/17 05:40
CBD	105	0.015	%	80-120	12/19/17 10:18	12/20/17 05:40

LCS(1751019-BS2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	101	0.015	%	80-120	12/19/17 10:18	12/20/17 05:52
delta 9-THC	106	0.015	%	80-120	12/19/17 10:18	12/20/17 05:52
CBDA	100	0.015	%	80-120	12/19/17 10:18	12/20/17 05:52
CBD	104	0.015	%	80-120	12/19/17 10:18	12/20/17 05:52

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Quality Control Pesticide Analysis

Batch: 1751012 - 203

Blank(1751012-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
DDVP (Dichlorvos)	< LOQ	0.2	ppm		12/19/17 10:13	12/19/17 18:46
Acephate	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Acequinocyl	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Acetamiprid	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Aldicarb	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Azoxystrobin	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Bifenazate	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Bifenthrin	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Boscalid	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Carbaryl	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Carbofuran	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Chlorantraniliprole	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Chlorfenapyr	< LOQ	0.2	ppm		12/19/17 10:13	12/19/17 18:46
Chlorpyrifos	< LOQ	0.2	ppm		12/19/17 10:13	12/19/17 18:46
Clofentezine	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Cyfluthrin	< LOQ	0.2	ppm		12/19/17 10:13	12/19/17 18:46
Cypermethrin	< LOQ	0.2	ppm		12/19/17 10:13	12/19/17 18:46
Daminozide	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Diazinon	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Dimethoate	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Ethoprophos	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Etofenprox	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Etoxazole	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Fenoxycarb	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Fenpyroximate	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Fipronil	< LOQ	0.2	ppm		12/19/17 10:13	12/19/17 18:46
Flonicamid	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Fludioxonil	< LOQ	0.2	ppm		12/19/17 10:13	12/19/17 18:46
Hexythiazox	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Imazalil	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Imidacloprid	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Kresoxim-methyl	< LOQ	0.2	ppm		12/19/17 10:13	12/19/17 18:46
Malathion	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Metalaxyl	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Methiocarb	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Methomyl	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Methyl parathion	< LOQ	0.2	ppm		12/19/17 10:13	12/19/17 18:46

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Quality Control Pesticide Analysis (Continued)

Batch: 1751012 - 203 (Continued)

Blank(1751012-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
MGK-264	< LOQ	0.2	ppm		12/19/17 10:13	12/19/17 18:46
Myclobutanil	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Naled	< LOQ	0.2	ppm		12/19/17 10:13	12/19/17 18:46
Oxamyl	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Paclobutrazol	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Permethrins	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Phosmet	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Piperonyl butoxide	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Prallethrin	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Propiconazole	< LOQ	0.2	ppm		12/19/17 10:13	12/19/17 18:46
Propoxur	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Pyrethrins	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Pyridaben	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Spinosad	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Spiromesifen	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Spirotetramat	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Spiroxamine	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Tebuconazole	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Thiacloprid	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Thiamethoxam	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05
Trifloxystrobin	< LOQ	0.1	ppm		12/19/17 10:13	12/19/17 21:05

LCS(1751012-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	64.2	0.1	ppm	7-141	12/19/17 10:13	12/19/17 21:18
DDVP (Dichlorvos)	114	0.2	ppm	70-130	12/19/17 10:13	12/19/17 19:08
Acephate	83.9	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Acequinocyl	61.6	0.1	ppm	0-111	12/19/17 10:13	12/19/17 21:18
Acetamiprid	106	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Aldicarb	96.8	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Azoxystrobin	99.1	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Bifenazate	109	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Bifenthrin	90.3	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Boscalid	108	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Carbaryl	93.2	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Carbofuran	108	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Chlorantraniliprole	123	0.1	ppm	26-131	12/19/17 10:13	12/19/17 21:18
Chlorfenapyr	82.5	0.2	ppm	70-130	12/19/17 10:13	12/19/17 19:08
Chlorpyrifos	76.6	0.2	ppm	70-130	12/19/17 10:13	12/19/17 19:08

Eric Wendt
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Quality Control

Pesticide Analysis (Continued)

Batch: 1751012 - 203 (Continued)

LCS(1751012-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Clofentezine	55.4	0.1	ppm	35-118	12/19/17 10:13	12/19/17 21:18
Cyfluthrin	69.3	0.2	ppm	70-130	12/19/17 10:13	12/19/17 19:08
Cypermethrin	66.1	0.2	ppm	70-130	12/19/17 10:13	12/19/17 19:08
Daminozide	16.3	0.1	ppm	0-100	12/19/17 10:13	12/19/17 21:18
Diazinon	87.4	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Dimethoate	93.5	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Ethoprophos	90.7	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Etofenprox	83.4	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Etoxazole	87.1	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Fenoxycarb	115	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Fenpyroximate	81.9	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Fipronil	78.8	0.2	ppm	70-130	12/19/17 10:13	12/19/17 19:08
Flonicamid	91.4	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Fludioxonil	83.2	0.2	ppm	70-130	12/19/17 10:13	12/19/17 19:08
Hexythiazox	93.0	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Imazalil	71.1	0.1	ppm	31-103	12/19/17 10:13	12/19/17 21:18
Imidacloprid	93.5	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Kresoxim-methyl	84.0	0.2	ppm	70-130	12/19/17 10:13	12/19/17 19:08
Malathion	92.1	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Metalaxyl	104	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Methiocarb	92.0	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Methomyl	87.0	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Methyl parathion	86.2	0.2	ppm	70-130	12/19/17 10:13	12/19/17 19:08
MGK-264	81.0	0.2	ppm	70-130	12/19/17 10:13	12/19/17 19:08
Myclobutanil	99.7	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Naled	62.0	0.2	ppm	0-103	12/19/17 10:13	12/19/17 19:08
Oxamyl	91.8	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Paclobutrazol	112	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Permethrins	88.2	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Phosmet	103	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Piperonyl butoxide	89.9	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Prallethrin	80.1	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Propiconazole	77.5	0.2	ppm	70-130	12/19/17 10:13	12/19/17 19:08
Propoxur	101	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Pyrethrins	95.2	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Pyridaben	78.6	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Spinosad	43.7	0.1	ppm	24-91	12/19/17 10:13	12/19/17 21:18
Spiromesifen	99.2	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18

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Green Leaf Lab proudly follows TNI 2009
Quality Standards

Quality Control
Pesticide Analysis (Continued)

Batch: 1751012 - 203 (Continued)

LCS(1751012-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spirotetramat	114	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Spiroxamine	64.5	0.1	ppm	15-95	12/19/17 10:13	12/19/17 21:18
Tebuconazole	105	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Thiacloprid	90.5	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Thiamethoxam	92.3	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18
Trifloxystrobin	92.8	0.1	ppm	70-130	12/19/17 10:13	12/19/17 21:18

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Quality Standards

Quality Control Solvent Analysis

Batch: 1751022 - 205

Blank(1751022-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		12/19/17 14:12	12/22/17 10:11
Acetonitrile	< LOQ	50.00	ppm		12/19/17 14:12	12/22/17 10:11
Benzene	< LOQ	0.5000	ppm		12/19/17 14:12	12/22/17 10:11
Butanes	< LOQ	1000	ppm		12/19/17 14:12	12/22/17 10:11
2-Butanol	< LOQ	1000	ppm		12/19/17 14:12	12/22/17 10:11
Cumene	< LOQ	50.00	ppm		12/19/17 14:12	12/22/17 10:11
Cyclohexane	< LOQ	50.00	ppm		12/19/17 14:12	12/22/17 10:11
Dichloromethane	< LOQ	50.00	ppm		12/19/17 14:12	12/22/17 10:11
1,4-Dioxane	< LOQ	50.00	ppm		12/19/17 14:12	12/22/17 10:11
2-Ethoxyethanol	< LOQ	50.00	ppm		12/19/17 14:12	12/22/17 10:11
Ethyl acetate	< LOQ	1000	ppm		12/19/17 14:12	12/22/17 10:11
Ethylene glycol	< LOQ	50.00	ppm		12/19/17 14:12	12/22/17 10:11
Ethylene oxide	< LOQ	50.00	ppm		12/19/17 14:12	12/22/17 10:11
Ethyl ether	< LOQ	1000	ppm		12/19/17 14:12	12/22/17 10:11
Heptane	< LOQ	1000	ppm		12/19/17 14:12	12/22/17 10:11
Hexanes	< LOQ	50.00	ppm		12/19/17 14:12	12/22/17 10:11
Isopropyl acetate	< LOQ	1000	ppm		12/19/17 14:12	12/22/17 10:11
Methanol	< LOQ	100.0	ppm		12/19/17 14:12	12/22/17 10:11
Pentanes	< LOQ	1000	ppm		12/19/17 14:12	12/22/17 10:11
Propane	< LOQ	1000	ppm		12/19/17 14:12	12/22/17 10:11
2-Propanol (IPA)	< LOQ	1000	ppm		12/19/17 14:12	12/22/17 10:11
Tetrahydrofuran	< LOQ	50.00	ppm		12/19/17 14:12	12/22/17 10:11
Toluene	< LOQ	50.00	ppm		12/19/17 14:12	12/22/17 10:11

LCS(1751022-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	87.3	1000	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Acetonitrile	103	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Benzene	87.0	0.5000	ppm	70-130	12/19/17 14:12	12/21/17 01:51
n-Butane	96.6	1000	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Butanes	95.0	1000	ppm	70-130	12/19/17 14:12	12/21/17 01:51
2-Butanol	83.2	1000	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Cumene	93.4	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Cyclohexane	80.5	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Dichloromethane	101	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51
1,4-Dimethylbenzene	96.9	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51
1,4-Dioxane	98.1	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51
2-Ethoxyethanol	85.6	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Ethyl acetate	85.5	1000	ppm	70-130	12/19/17 14:12	12/21/17 01:51

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Quality Control

Solvent Analysis (Continued)

Batch: 1751022 - 205 (Continued)

LCS(1751022-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl benzene	97.1	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Ethylene glycol	112	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Ethylene oxide	95.9	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Ethyl ether	89.5	1000	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Heptane	94.8	1000	ppm	70-130	12/19/17 14:12	12/21/17 01:51
n-Hexane	96.5	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Hexanes	96.3	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51
iso-Butane	93.3	1000	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Isopropyl acetate	87.0	1000	ppm	70-130	12/19/17 14:12	12/21/17 01:51
iso-Pentane	92.6	1000	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Methanol	97.8	100.0	ppm	70-130	12/19/17 14:12	12/21/17 01:51
2-Methylpentane	97.1	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51
3-Methylpentane	101	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51
neo-Pentane	95.9	1000	ppm	70-130	12/19/17 14:12	12/21/17 01:51
n-Pentane	94.3	1000	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Pentanes	94.3	1000	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Propane	83.3	1000	ppm	70-130	12/19/17 14:12	12/21/17 01:51
2-Propanol (IPA)	89.8	1000	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Tetrahydrofuran	83.9	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51
Toluene	89.8	50.00	ppm	70-130	12/19/17 14:12	12/21/17 01:51

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